

(Use several sheets if necessary)

ATTY, DOCKET NO.	APPLICATION NO.
8932-295	To be assigned
APPLICANT	
D. PAUL et al.	
FILING DATE	GROUP
Herewith	3732 (expected)

CAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS `	FILING DA
NITIGIL	AA	6,206,923 B1	3/2001	Boyd et al.	623	17.11	IF APPROPR
Ö,	AB	6,200,347 B1	3/2001	Anderson et al.	623		0
T	AC	6,156,070	12/2000	Incavo et al.	623	23.52	65. 25. 25. 26. 26.
	AD	6,143,033	11/2000	Paul et al.	623	17.11	8286
	AE	6,143,030	11/2000	Schroder	623	16.11	
	AF	6,123,731	09/2000	Boyce et al.	623	23.63	JC474
	AG	6,111,164	08/2000	Rainey et al.	623	16	
	AH	6,110,482	08/2000	Khouri et al.	424	423	A
	Al	6,096,081	08/2000	Grivas et al.	623	17.11	
	AJ	6,090,998	7/2000	Grooms et al.	623	16	
	AK	6,059,790	5/2000	Sand et al.	606	99	
	AL	6,053,916	4/2000	Moore	606	61	
	AM	6,049,025	4/2000	Stone et al.	623	16	
	AN	6,045,580	4/2000	Scarborough et al.	623	17	
	AO	6,045,554	4/2000	Grooms et al.	606	73	
T	AP	6,039,762	3/2000	МсКау	623	17	
	AQ	6,033,438	3/2000	Bianchi et al.	623	17	
	AR	6,033,405	3/2000	Winslow et al.	606	61	
	AS	6,030,635	2/2000	Gertzman et al.	424	423	
	АТ	6,025,538	2/2000	Yaccarino, III	623	16	
	AU	6,013,853	1/2000	Athanasiou et al.	623	11	
	AV	6,008,433	12/1999	Stone	623	16	
	AW	6,005,161	12/1999	Brekke et al.	623	16	
	AX	5,997,581	12/1999	Khalili	623	23	
	AY	5,997,580	12/1999	Mastrorio et al.	623	22	
	AZ	5,990,382	11/1999	Fox	623	16	
	ВА	⁽ 5,989,289	11/1999	Coates et al.	623	17	
	ВВ	5,984,967	11/1999	Zdeblick et al.	623	17	
3	вс	5,981,828	11/1999	Nelson et al.	623	16	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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ATTY. DOCKET NO.	APPLICATION NO.
8932-295	To be assigned
APPLICANT	
D. PAUL et al.	09/828,625
FILING DATE	GROUP

			-	Herewith		3732 (expe	ected)
			S. PATENT DOCUMENTS				
*EXAMINER INITIAL	 	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIA
Br.	BD	5,980,522	11/1999	Koros et al.	606	61	
4_	BE	5,976,187	11/1999	Richelsoph	623	17	
	BF	5,972,368	10/1999	МсКау	424	423	
	BG	5,972,034	10/1999	Hofmann et al.	623	23	
-	ВН	5,968,098	10/1998)4	Winslow	623	17	
<u>/</u>	ВІ	5,968,047	10/1999	Reed	606	76	
5	BJ	5,944,755	8/1999	Stone	623	16	
13	вк	5,935,169	8/1999	Chan	623	16	i
	BL	5,922,027	7/1999	Stone	623	11	
	ВМ	5,919,196	7/1999	Bobic et al.	606	86	
	BN	5,913,900	6/1999	Stone	623	20	
	во	5,910,315	6/1999	Stevenson et al.	424	422	
	ВР	5,904,719	5/1999	Errico et al.	623	17	
	ВQ	5,904,716	5/1999	Gendler	623	11	
	BR	5,902,338	5/1999	Stone	623	13	
	BS	5,899,939	5/1999	Boyce et al.	623	16	
	вт	5,895,426	4/1999	Scarborough et al.	623	17	
	BU	5,888,227	3/1999	Cottle	623	17	
	BV	5,888,224	3/1999	Beckers et al.	623	17	
	вw	5,888,222	3/1999	Coates et al.	623	17	
	вх	5,885,299	3/1999	Winslow et al.	606	99	
	BY	5,885,292	3/1999	Moskovitz et al.	606	79	
	BZ	5,879,403	3/1999	Ostiguy et al.	623	22	
	CA	5,876,455	3/1999	Harwin	623	16	
	СВ	5,868,749	2/1999	Reed	606	76	
	СС	5,865,849	2/1999	Stone	623	18	
	CD	5,865,848	2/1999	Baker	623	17	1
	CE	5,861,043	1/1999	Carn	623	16	
B	CF	5,824,088	10/1998	Kirsch	623	16	

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ATTY, DOCKET NO.	APPLICATION NO.
8932-295	To be assigned
APPLICANT	20/22011
D. PAUL et al.	09/828,625
FILING DATE	GROUP
Herewith	3732 (expected)

				Herewith		3732 (expe	cted)
	<u> </u>			.S. PATENT DOCUMENTS	CLASS	SUBCLASS	FILING DATE
*EXAMINER INITIAL	ļ	DOCUMENT NUMBER	DATE	NAME		 	IF APPROPRIA
<u> 13</u>	CG	5,824,084	10/1998	Muschler	623	16	
	СН	5,824,078	10/1998	Nelson et al.	623	66	
	CI	5,814,084	9/1998	Grivas et al.	623	16	
	C1	5,785,714	7/1998	Morgan et al.	606_	86	
	СК	5,782,917	7/1998	Carn	623	16	
	CL	5,782,915	7/1998	Stone	623	11	
	СМ	5,782,830	7/1998	Farris	606	61	
\bot	CN	5,776,199	7/1998	Michelson	623	17	ļ
	со	5,776,198	7/1998	Rabbe et al.	623	17	
	СР	5,776,197	7/1998	Rabbe et al.	623	17	
	ca	5,769,897	6/1998	Härle	623	16	
	CR	5,766,253	6/1998	Brosnahan, III	623	17	
	cs	5,766,252	6/1998	Henry et al.	623	17	
	СТ	5,755,793	5/1998	Smith et al.	623	16	
	CU	5,741,261	4/1998	Moskovitz et al.	606	79	
	cv	5,733,288	3/1998	Allen	606	79	
	cw	5,728,159	3/1998	Stroever et al.	623	16	
	сх	5,725,813	3/1998	Nies	264	15	
	CY	5,722,977	3/1998	Wilhelmy	606	84	
	cz	5,716,415	2/1998	Steffee	623	17	
	DA	5,709,683	1/1998	Bagby	606	61	
	DB	5,702,453	12/1997	Rabbe et al.	623	17	
	DC	5,702,449	12/1997	МсКау	623	17	
1	DD	5,697,981	12/1997	Ison et al.	623	16	
	DE	5,683,463	11/1997	Godefroy et al.	623	17	
	DF	5,683,394	11/1997	Rinner	606	86	
	DG	5,676,699	10/1997	Gogolewski et al.	623	16	
	DH	5,665,120	9/1997	Ohtsuka et al.	623	16	
12/	Di	5,658,351	8/1997	Dudasik et al.	623	23	
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8932-295	To be assigned
APPLICANT	(20/2-2
D. PAUL et al.	09/828,625
FILING DATE	GROUP
Herewith	3732 (expected)

·			U.S	S. PATENT DOCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	DJ	5,645,598	7/1997	Brosnahan, III		623	17	
l	DK	5,609,636	3/1997	Kohrs et al.		623	17	
	DL	5,609,635	3/1997	Michelson		623	17	
	DM	5,607,474	3/1997	Athanasiou et al.		623	11	
	DN	5,603,716	2/1997	Morgan et al.		606	88	
	DO	5,593,409	1/1997	Michelson		606	61	
	DP	5,591,235	1/1997	Kuslich		623	17	
	DQ	5,585,116	12/1996	Boniface et al.		424	549	
	DR	5,570,706	11/1996	Howell		128	898	
	DS	5,569,308	11/1996	Sottosanti		623	165	
5	DT	5,556,430	9/1996	Gendler		623	16	
1	DU	5,554,192	9/1996	Crowninshield		623	16	
"	DV	5,554,191	9/1996	Lahille et al.		623	17	
	DW	5,549,679	8/1996	Kuslich		623	17	
	DX	5,545,222	8/1996	Bonutti		623	11	
	DY	5,531,791	7/1996	Wolfinbarger, Jr.		623	16	
	DZ	5,522,899	6/1996	Michelson		623	17	
	EA	5,516,532	5/1996	Atala et al.		424	548	
	EB	5,514,180	5/1996	Heggeness et al.		623	17	
	EC	5,510,396	4/1996	Prewett et al.		523_	113	
	ED	5,507,813	4/1996	Dowd et al.		623	16	
	EE	5,501,706	3/1996	Arenberg		623	16	
	EF	5,492,697	2/1996	Boyan et al.		424	422	
	EG	5,489,308	2/1996	Kuslich et al.		623	17	
	EH	5,489,307	2/1996	Kuslich et al.		623	17	
1	EI	5,484,601	1/1996	O'Leary et al.		424	422	
	EJ	5,484,437	1/1996	Michelson		606	61	
V	EK	5,458,638	10/1995	Kuslich et al.		623	17	
12	EL	5,443,514	8/1995	Steffee		623	17	L
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ATTY, DOCKET NO.	APPLICATION NO.
8932-295	To be assigned
APPLICANT	7
D. PAUL et al.	09/828,625
FILING DATE	GROUP
Herewith	3732 (overested)

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1EVALUATO.				U.S. PATENT DOCUMENTS		1	pooled)
'EXAMINER INITIAL	 	DOCUMENT NUMBER	DATE	NAME	CLA	SS SUBCLAS	S FILING
17	EM	5,439,684	8/1995	Prewett et al.	424	422	IF APPR
	EN	5,433,751	7/1995	Christel et al.	623		
	EO	5,425,772	6/1995	Brantigan	623		
	EP	5,425,770	6/1995	Piez et al.	623		
	EQ	5,425,769	6/1995	Snyders, Jr.	623	16	
	ER	5,425,768	6/1995	Carpenter et al.	623	6	+
	ES	5,423,817	6/1995	Lin	606	61	
	ET	5,405,391	4/1995	Hednerson et al.	623	17	+
	EU	5,405,390	4/1995	O'Leary et al.	623	16	 -
	EV	5,383,932	1/1995	Wilson et al.	623	16	 -
	EW	5,376,120	12/1994	Sarver et al.	623	16	+
	EX	5,366,508	11/1994	Brekke	623	16	
	EY	5,329,846	7/1994	Bonutti	100	50	
	EZ	5,314,476	5/1994	Prewett et al.	623		
	FA	5,306,304	4/1994	Gendler	623	16	
- -	FB (5,306,302	4/1994	Bauer et al.	623	16	
- -	FC (5,300,077	4/1994	Howell	606	16	
+-	FD 5	5,298,254	3/1994	Prewett et al.	424	96	
	FE 5	5,290,558	3/1994	O'Leary et al.	424	422	
11	FF 5	5,284,655	2/1994	Bogdansky et al.	424	422	
	FG 5	,282,861	2/1994	Kaplan	623	422	
	FH 5	,281,226	1/1994	Davydov et al.		16	
	FI 5	,236,456	8/1993	O'Leary et al.	606	62	
	FJ 5	,211,664	5/1993	Tepic et al.	623	16	
	FK 5,	192,327	3/1993	Brantigan	623	16	
7	FL 5,	171,275	12/1992	Ling et al.	623	17	
3-4	FM 5,	162,114	11/1992	Kuberasampath et al.	623	16	
			FOREI	GN PATENT DOCUMENTS	424	423	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
		OTHER REI	FERENCES (Inc	cluding Author, Title, Date, Pertinent Pages, Etc.)			YES N
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		Herewith			3732 (expected)			
			U.	S. PATENT DOCUM	ENTS	·		
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2	FN	5,152,791	10/1992	Hakamatsuka e	t al.	623	16	
1	FO	5,141,510	8/1992	Takagi et al.		623	16	
	FP	5,133,755	7/1992	Brekke		623	16	
	FQ	5,133,718	7/1992	Мао		606	69	
	FR	5,112,354	5/1992	Sires		623	16	
	FS	5,092,892	3/1992	Ashby		623	16	
	FT	5,092,891	3/1992	Kummer et al.		623	16	
	FU	5,092,887	3/1992	Gendler		623	13	
	FV	5,078,746	1/1992	Garner		623	16	
	FW	5,073,373	12/1991	O'Leary et al.		424	422	
	FX	5,067,962	11/1991	Campbell et al.		623	13	
	FY	5,062,850	11/1991	MacMillan.et al.		623	17	
	FZ	5,061,287	11/1991	Feiler		623	16	
/_	GA	5,061,286	10/1991	Lyle		623	16	
(2)	GB	5,053,049	10/1991	Campbell		623	16	
	GC	5,026,373	6/1991	Ray et al.		606	61	
	GD	4,994,084	2/1991	Brennan		623	11	
	GE	4,975,526	12/1990	Kuberasampath	et al.	530	350	
	GF	4,969,906	11/1990	Kronman		623	16	
	GG	4,961,740	10/1990	Ray et al.		606	61	
	GН	4,950,296	8/1990	McIntyre		623	16	
	GI	4,950,295	8/1990	Weigum et al.		623	16	
	GJ	4,936,848	6/1990	Bagby		623	17	
	GK -	4,932,973	6/1990	Gendler		623	16	
	GL	4,902,296	2/1990	Bolander et al.	<u> </u>	623	16	
	GM	4,877,020	10/1989	Vich		128	92 V	
	GN	4,863,472	9/1989	Törmälä et al.		623	16	
	GO	4,834,757	5/1989	Brantigan		623	17	
	GP	4,789,663	12/1988	Wallace et al.		514	21	
	GQ	4,781,721	11/1988	Grundei		623	16	
	GR	4,755,184	7/1988	Silverberg		623	16	
1	GS	4,745,914	5/1988	Frey et al.		128	92 VP	ļ
B-	GT	4,743,259	5/1988	Bolander et al.		623	16	



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	GU	4,728,570	3/1988	Ashman et al.	428	327	
	GV	4,678,470	7/1987	Nashef et al.	623	16	
	GW	4,654,464	3/1987	Mittelmeier et al.	623	16	
	GX	4,645,503	2/1987	Lin et al.	623	16	
	GY	4,627,853	12/1986	Campbell et al.	623	16	
	GZ	4,627,434	12/1986	Murray	128	303 R	
	НА	4,625,722	12/1986	Murray	128	92 VQ	
	НВ	4,610,692	9/1986	Eitenmuller et al.	623	16	
	нс	4,501,269	2/1985	Bagby	128	92 G	
	HD	4,485,097	11/1994)	Bell	424	95	
	HE	4,472,840	9/1984	Jefferies	3	1.9	
	HF	4,440,750	4/1984	Glowacki et al.	424	95	
	HG	4,430,760	2/1984	Smestad	3	1.9	
,	нн	4,394,370	7/1983	Jefferies	424	15	
	ні	4,344,190	8/1982	Lee et al.	3	1.9	
	HJ	4,294,753	10/1981	Urist	260	112 R	
	нк	4,237,559	12/1980	Borom	3	1.9	
	HL	4,222,128	9/1980	Tomonaga et al.	3	1.9	
	нм	4,172,128	10/1979	Thiele et al.	424	95	
	HN	4,059,115	11/1977	Jumashev et al.	128	317	
	но	4,011,602	3/1977	Rybicki et al.	3	1.9	
1	HP	3,848,601	11/1974	Ma et al.	128	305	
*	HQ	2,621,145	12/1952	Sano	167	84	
7			FORE	IGN PATENT DOCUMENTS			
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	HR	FR 2645748	10/1990	France		/	X (abstract only)
	HS	DE 42 42 889 A1	6/1994	Germany			X (abstract only)
	нт	DE 29 10 627 A1	9/1980	Germany			X (abstract only)
	HU	EP 0 520 237 A2	12/1992	EPO			X (abstract only)
3	HV	EP 0 366 029 A2	5/1990	EPO	1		Х
		GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HM HN	GV 4,678,470 GW 4,654,464 GX 4,645,503 GY 4,627,853 GZ 4,627,434 HA 4,625,722 HB 4,610,692 HC 4,501,269 HD 4,485,097 HE 4,472,840 HF 4,440,750 HG 4,394,370 HI 4,344,190 HJ 4,294,753 HK 4,237,559 HL 4,222,128 HM 4,172,128 HN 4,059,115 HO 4,011,602 HP 3,848,601 HQ 2,621,145 DOCUMENT NUMBER HR FR 2645748 HS DE 42 42 889 A1 HT DE 29 10 627 A1 HU EP 0 520 237 A2	GV 4,678,470 7/1987 GW 4,654,464 3/1987 GX 4,645,503 2/1987 GY 4,627,853 12/1986 GZ 4,627,434 12/1986 HA 4,625,722 12/1986 HB 4,610,692 9/1986 HC 4,501,269 2/1985 HD 4,485,097 11/1994) HE 4,472,840 9/1984 HF 4,440,750 4/1984 HG 4,430,760 2/1984 HH 4,394,370 7/1983 HI 4,344,190 8/1982 HJ 4,294,753 10/1981 HK 4,237,559 12/1980 HL 4,222,128 9/1980 HM 4,172,128 10/1979 HN 4,059,115 11/1977 HO 4,011,602 3/1977 HP 3,848,601 11/1974 HQ 2,621,145 12/1952 FORE DOCUMENT NUMBER DATE HR FR 2645748 10/1994 HU EP 0 520 237 A2 12/1992	GV 4,678,470 7/1987 Nashef et al. GW 4,654,464 3/1987 Mittelmeier et al. GX 4,645,503 2/1987 Lin et al. GY 4,627,853 12/1986 Campbell et al. GZ 4,627,434 12/1986 Murray HA 4,625,722 12/1986 Murray HB 4,610,692 9/1986 Eitenmuller et al. HC 4,501,269 2/1985 Bagby HD 4,485,097 11/1994 Bell HE 4,472,840 9/1984 Jefferies HF 4,440,750 4/1984 Glowacki et al. HG 4,430,760 2/1984 Smestad HH 4,394,370 7/1983 Jefferies HH 4,294,753 10/1981 Urist HK 4,237,559 12/1980 Borom HL 4,222,128 9/1980 Borom HL 4,172,128 10/1979 Thiele et al. HM 4,172,128 10/1979 Thiele et al. HM 4,059,115 11/1977 Jumashev et al. HO 4,011,602 3/1977 Rybicki et al. HP 3,848,601 11/1974 Ma et al. HP 3,848,601 11/1974 Ma et al. HR FR 2645748 10/1990 France HR FR 2645748 10/1990 France HR FR 2645748 10/1990 Germany HU EP 0 520 237 A2 12/1992 EPO	GV 4,678,470 7/1987 Nashef et al. 623 GW 4,654,464 3/1987 Mittelmeier et al. 623 GX 4,645,503 2/1987 Lin et al. 623 GX 4,645,503 12/1986 Campbell et al. 623 GZ 4,627,434 12/1986 Murray 128 HA 4,625,722 12/1986 Murray 128 HB 4,610,692 9/1986 Etenmuller et al. 623 HC 4,501,269 2/1985 Bagby 128 HC 4,501,269 2/1985 Bagby 128 HE 4,472,840 9/1984 Jefferies 3 HF 4,440,750 4/1984 Glowacki et al. 424 HG 4,430,760 2/1984 Smestad 3 HH 4,394,370 7/1983 Jefferies 424 HH 4,394,370 7/1983 Jefferies 424 HH 4,294,753 10/1981 Urist 260 HK 4,222,128 9/1980 Borom 3 HK 4,222,128 9/1980 Borom 3 HM 4,172,128 10/1991 Urist 260 HM 4,059,115 11/1977 Jumashev et al. 128 HN 4,059,115 11/1977 Jumashev et al. 128 HR FR 2645748 10/1990 France HR FR 2645748 10/1990 France HR FR 2645748 10/1990 France	GV 4,678,470 771987 Nashef et al. 623 16 GW 4,654,464 3/1987 Mittelmeier et al. 623 16 GW 4,654,464 3/1987 Lin et al. 623 16 GX 4,645,503 2/1987 Lin et al. 623 16 GY 4,627,853 12/1986 Campbell et al. 623 16 GY 4,627,434 12/1986 Murray 128 303 R HA 4,625,722 12/1986 Murray 128 92 VQ HB 4,610,692 9/1986 Eitenmullor et al. 623 16 HC 4,501,269 2/1985 Bagby 128 92 G HD 4,485,097 11/1944/V Bell 424 95 HE 4,472,840 9/1984 Jefferies 3 1.9 HE 4,440,750 4/1984 Glowacki et al. 424 95 HG 4,430,760 2/1984 Smestad 3 1.9 HH 4,334,370 771983 Jefferies 422 15 HH 4,344,190 8/1982 Lee et al. 3 1.9 HH 4,294,753 10/1981 Urist 260 112 R HK 4,237,559 12/1980 Borom 3 1.9 HM 4,172,128 10/1979 Thiele et al. 3 1.9 HM 4,172,128 10/1979 Thiele et al. 424 95 HN 4,059,115 11/1977 Jumashev et al. 128 317 HO 4,011,602 3/1977 Rybicki et al. 3 1.9 HR FR 2645748 10/1990 France HR FR 2645748 10/1990 France HR FR 2645748 10/1990 France HR FR 2645748 10/1990 Germany

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	НҮ	JP 093100	11/1990	Japan			X (abstract only)
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	IN	WO 99/38461	8/1999	РСТ	_	1	х
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